

IN THE DRAWINGS

The attached sheet of drawings includes amendments to Figures 1A-1E. This sheet, which includes Figures 1A-1E, replaces the original sheet including Figures 1A-1E. In Figures 1A-1E, the legend "Related Art" has been added.

Attachment: Replacement Sheet (1)
Annotated Sheet Showing Changes (1)

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS.

Claims 6-19 are pending. Claims 6, 10, 11, 15, 16 and 19 are independent. Claims 6, 10, 11, 15 and 16 are hereby amended. Claims 17-19 are new. Claims 1-5 have been canceled without prejudice or disclaimer of any subject matter. No new matter has been introduced. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicant is entitled.

Applicant has amended the drawings and submits herewith corrected drawing sheets.

Claims 1-4 were provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 and 9 of co-pending Application No. 09/890,498. Claims 1-5 have been canceled, thereby obviating the rejection.

II. REJECTIONS UNDER 35 U.S.C. §103(a)

Claims 1 and 3-5 were rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over U.S. Patent No. 5,701,386 to Yoneyama (hereinafter, merely “Yoneyama”).

Claim 2 was rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over Yoneyama in view of U.S. Patent No. 6,426,771 to Kosugi (hereinafter, merely “Kosugi”).

Claims 6 and 8-16 were rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over Yoneyama in view of U.S. Patent No. 5,740,306 to Shinohara, et al. (hereinafter, merely “Shinohara”).

Claim 7 was rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over Yoneyama in view of Kosugi and Shinohara.

Claim 6 recites, *inter alia*:

“A recording apparatus...comprising:

means for recording a compression encoded stream in the recording medium,

wherein a header has been added to the stream,

wherein at least part of the header is recorded to a system area in said recording medium, and

wherein said system area is a separate area from a record area for the stream and said system area is securely reproduced in a high speed reproducing operation in which the recording medium is traveled at higher speed than in a recording operation.” (emphasis added)

As understood by Applicants, Yoneyama relates to a recording apparatus for recording a compressed video signal on a disc has an adder for adding the sequence header at the beginning of the corresponding sequence, and also adding a copy of the sequence header at a beginning of the final GOP in the corresponding sequence. The reproducing apparatus for reproducing the compressed video signal from a disc has a control for controlling the pick-up

device such that under the fast reverse play mode, the pick-up device jumps backward over a copied sequence header when the pick-up device enters a new sequence from a rear end thereof, and reads the copied sequence header.

As understood by applicants, Shinohara relates to a digital signal recording device, such as a digital video tape recorder having a track by which a digital video signal and digital audio signal are recorded in predefined areas on slanted tracks, a digital, digital disk player or the like, in which the digital video signal and the digital audio signal are input in the form of bit stream, and the bit stream is recorded, and a digital signal playback device for reproducing a recording media having been recorded using the digital signal recording device.

Applicants respectfully submit that Yoneyama and Shinohara, taken either alone or in combination, do not disclose the above features of independent claim 6. Specifically, Yoneyama and Shinohara do not disclose a recording apparatus wherein at least part of the header is recorded to a system area in said recording medium and wherein said system area is a separate area from a record area for the stream and said system area is securely reproduced in a high speed reproducing operation in which the recording medium is traveled at higher speed than in a recording operation, as recited independent claim 6.

Therefore, Applicants submit that independent claim 6 is patentable.

For reasons similar to, or somewhat similar to, those described above with regard to independent claim 6, independent claims 10, 11, 15, 16 and 19 are also believed to be patentable.

III. DEPENDENT CLAIMS

The other claims are dependent from one of the independent claims, discussed above, and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

CONCLUSION

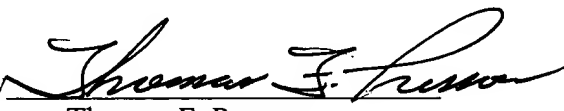
In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference or references, providing the basis for a contrary view.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By 
Thomas F. Presson
Reg. No. 41,442
(212) 588-0800

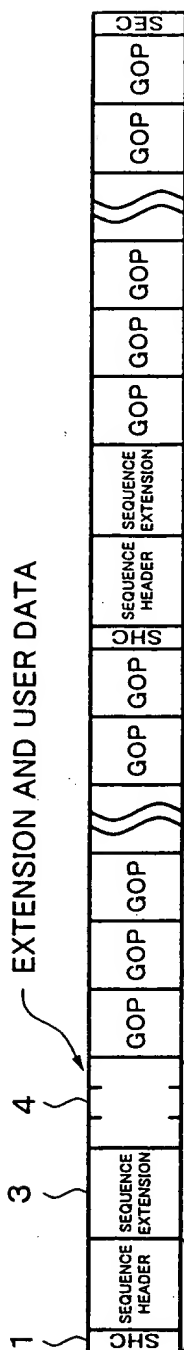


Fig. 1A

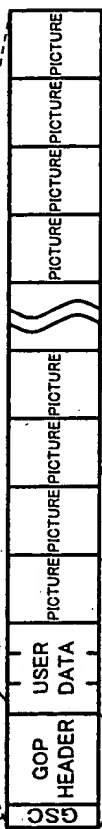


Fig. 1B

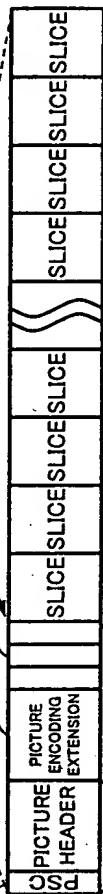


Fig. 1C

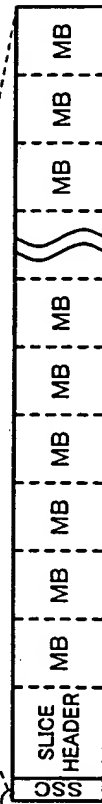


Fig. 1D

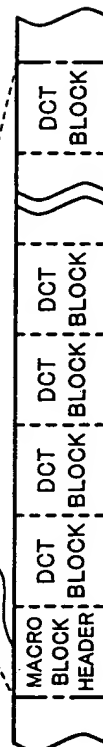


Fig. 1E

SHC: SEQUENCE HEADER CODE
SEC: SEQUENCE END CODE
GSC: GROUP START CODE
PSC: PICTURE START CODE
SSC: SLICE START CODE
MB: MACRO BLOCK

Related Art